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> DA 00-2171 September 25, 2000

## FM BROADCAST AUCTION SCHEDULED FOR FEBRUARY 21, 2001

# COMMENT SOUGHT ON RESERVE PRICES OR MINIMUM OPENING BIDS AND OTHER AUCTION PROCEDURAL ISSUES

Report No. AUC-00-37-A (Auction No. 37)

By this Public Notice, the Wireless Telecommunications Bureau (the "Bureau") and the Mass Media Bureau (collectively referred to as the "Bureaus") announce the auction of certain FM broadcast construction permits to commence February 21, 2001. As discussed in greater detail herein, the Bureaus propose that Auction No. 37 be composed of 351 construction permits in the FM Broadcast service as listed in Attachment A.

Specifically, Attachment A lists vacant FM allotments, reflecting FM channels assigned to the Table of FM Allotments, 47 C.F.R. § 73.202(b), pursuant to the Commission's established rulemaking procedures, designated for use in the indicated community. As stated in the *Broadcast First Report and Order*, applicants may apply for any vacant FM allotment, as specified in Attachment A; applicants specifying the same FM allotment will be considered mutually exclusive and, thus, the construction permit for the FM allotment will be awarded by competitive bidding procedures. The reference coordinates for each vacant FM allotment are also listed in Attachment A.<sup>2</sup>

See Implementation of Section 309(j) of the Communications Act – Competitive Bidding for Commercial Broadcast and Instructional Television Fixed Service Licenses, First Report and Order in MM Docket No. 97-234, GC Docket No. 92-52 and GEN Docket No. 90-264, 13 FCC Rcd 15920, 15961 and 15974-15975 (1998) ("Broadcast First Report and Order"), on recon., Memorandum Opinion and Order, 14 FCC Rcd 8724 (1999), on further recon., Memorandum Opinion and Order, 14 FCC Rcd 14521(1999).

With regard to the FM service, in the *Broadcast First Report and Order*, the Commission gave applicants the opportunity to submit a set of preferred site coordinates as an alternative to the reference coordinates for the vacant FM allotment upon which they intend to bid. Detailed instructions for specifying preferred site coordinates will be given in a subsequent Auction 37 Public Notice which will provide guidelines for completing FCC Form 175 and exhibits. *See Broadcast First Report and Order*, 13 FCC Rcd at 15974 and note 153.

The Balanced Budget Act of 1997 requires the Commission to "ensure that, in the scheduling of any competitive bidding under this subsection, an adequate period is allowed . . . before issuance of bidding rules, to permit notice and comment on proposed auction procedures . . . ."<sup>3</sup> Consistent with the provisions of the Balanced Budget Act and to ensure that potential bidders have adequate time to familiarize themselves with the specific rules that will govern the day-to-day conduct of an auction, the Commission directed the Bureau, under its existing delegated authority, <sup>4</sup> to seek comment on a variety of auction-specific procedures prior to the start of each auction. <sup>5</sup> We therefore seek comment on the following issues relating to Auction No. 37.

#### I. Auction Structure

#### A. Simultaneous Multiple Round Auction Design

We propose to award these FM construction permits in a single stage, simultaneous multiple-round auction. As described further below, this methodology offers every FM construction permit for bid at the same time in successive rounds of bidding. We seek comment on this proposal.<sup>6</sup>

#### B. Upfront Payments and Initial Maximum Eligibility for Each Bidder

The Bureaus have delegated authority and discretion to determine an appropriate upfront payment for the FM construction permits being auctioned taking into account such factors as the efficiency of the auction process and the potential value of spectrum.<sup>7</sup> As described further below, the upfront payment is a refundable deposit made by each bidder to determine and establish eligibility to bid on the FM construction permits. Upfront payments related to the specific spectrum subject to auction protects against frivolous or insincere bidding and provides

Section 3002(a)(E)(i), Balanced Budget Act of 1997, Pub. L. 105-33, 111 Stat. 251 (1997) ("Balanced Budget Act"), amending Section 309(j) of the Communications Act, 47 U.S.C. § 309(j).

See Amendment of Part 1 of the Commission's Rules—Competitive Bidding Procedures, WT Docket No. 97-82, Order, Memorandum Opinion and Order, and Notice of Proposed Rule Making, 12 FCC Rcd 5686, 5697, ¶ 16 (1997) ("Part 1 Order") ("We also clarify that pursuant to Section 0.131 of our rules, the Chief, Wireless Telecommunications Bureau, has delegated authority to implement all of the Commission's rules pertaining to auctions procedures").

See Amendment of Part 1 of the Commission's Rules -- Competitive Bidding Procedures, Allocation of Spectrum Below 5 GHz Transferred from Federal Government Use, 4660-4685 MHz, WT Docket No. 97-82, ET Docket No. 94-32, Third Report and Order and Second Further Notice of Proposed Rule Making, 13 FCC Rcd 374, 448, ¶ 124 (1998) ("Part 1 Third Report and Order"). The Commission directed the Bureau to seek comment on specific mechanisms related to day-to-day auction conduct including, for example, the structure of bidding rounds and stages, establishment of minimum opening bids or reserve prices, minimum accepted bids, initial maximum eligibility for each bidder, activity requirements for each stage of the auction, activity rule waivers, criteria for determining reductions in eligibility, information regarding bid withdrawal and bid removal, stopping rules, and information relating to auction delay, suspension or cancellation. Id. at ¶ 125. See also Broadcast First Report and Order, 13 FCC Rcd at 15967-15968. (Consistent with the Part 1 rules, the Commission delegated authority to the Mass Media Bureau to seek comment on and establish an appropriate auction design methodology prior to the start of each broadcast auction).

See Implementation of Section 309(j) of the Communications Act – Competitive Bidding , PP Docket No. 93-253, Second Report and Order, 9 FCC Rcd 2348, 2378-79,  $\P$  171-176 (1994) ("Second Report and Order") for a general discussion of competitive bidding design.

See Broadcast First Report and Order, 13 FCC Rcd at 15971, ¶ 134.

the Commission with a source of funds from which to collect payments owed at the close of the auction. With these guidelines in mind, we propose the schedule of upfront payments contained in Attachment A to this Public Notice. We seek comment on this proposal.

We further propose that the amount of the upfront payment submitted by a bidder will determine the initial maximum eligibility (as measured in bidding units) for each bidder. Upfront payments will not be attributed to specific construction permits, but instead will be translated into bidding units to define a bidder's initial maximum eligibility, which cannot be increased during the auction. Thus, in calculating the upfront payment amount, an applicant must determine the *maximum* number of bidding units it may wish to bid on (or hold high bids on) in any single round, and submit an upfront payment covering that number of bidding units. We seek comment on this proposal.

#### C. Activity Rules

In order to ensure that the auction closes within a reasonable period of time, an activity rule requires bidders to either place a valid bid and/or be the standing high bidder during each round of the auction rather than waiting until the end to participate. A bidder that does not satisfy the activity rule will either use an activity rule waiver, if any remain, or lose bidding eligibility in the auction.

We propose a single stage auction with the following activity requirement: In each round of the auction, a bidder desiring to maintain its eligibility to participate in the auction is required to be active on one hundred (100) percent of its bidding eligibility. Failure to maintain the requisite activity level will result in the use of an activity rule waiver, if any remain, or a reduction in the bidder's bidding eligibility, thus eliminating the bidder from the auction. We seek comment on this proposal.

#### D. Activity Rule Waivers

Use of an activity rule waiver preserves the bidder's current bidding eligibility despite the bidder's activity in the current round being below the required minimum level. An activity rule waiver applies to an entire round of bidding and not to a particular construction permit. Activity waivers are principally a mechanism for auction participants to avoid the loss of auction eligibility in the event that exigent circumstances prevent them from placing a bid in a particular round.

The FCC auction system assumes that bidders with insufficient activity would prefer to use an activity rule waiver (if available) rather than lose bidding eligibility. Therefore, the system will automatically apply a waiver (known as an "automatic waiver") at the end of any bidding period where a bidder's activity level is below the minimum required, unless (1) there are no more activity rule waivers available; or (2) the bidder overrides the automatic application of a waiver by reducing eligibility, thereby meeting the minimum requirements.

We propose that a bidder with insufficient activity that wants to reduce its bidding eligibility rather than use an activity rule waiver, must affirmatively override the automatic waiver

<sup>&</sup>lt;sup>8</sup> See Second Report and Order, 9 FCC Rcd 2348, 2378-79, ¶ 171-176 (1994).

mechanism during the bidding period by using the reduce eligibility function in the software. In this case, the bidder's eligibility would be permanently reduced to bring the bidder into compliance with the activity rules as described above. Once eligibility has been reduced, a bidder would not be permitted to regain its lost bidding eligibility.

We propose that a bidder may proactively use an activity rule waiver as a means to keep the auction open without placing a bid. If a bidder submits a proactive waiver (using the proactive waiver function in the bidding software) during a bidding period in which no bids are submitted, the auction will remain open and the bidder's eligibility will be preserved. An automatic waiver invoked in a round in which there are no new valid bids will not keep the auction open, under the simultaneous stopping rule. The submission of a proactive waiver cannot occur after a bid has been submitted in a round and will preclude a bidder from placing any bids later in that round.

We propose that each bidder in Auction No. 37 be provided with five activity rule waivers that may be used in any round during the course of the auction as set forth above. We seek comment on this proposal.

#### E. Information Relating to Auction Delay, Suspension or Cancellation

For Auction No. 37, we propose that, by public notice or by announcement during the auction, the Bureau may delay, suspend or cancel the auction in the event of natural disaster, technical obstacle, evidence of an auction security breach, unlawful bidding activity, administrative or weather necessity, or for any other reason that affects the fair and competitive conduct of competitive bidding. In such cases, the Bureau, in its sole discretion, may elect to: resume the auction starting from the beginning of the current round; resume the auction starting from some previous round; or cancel the auction in its entirety. Network interruption may cause the Bureau to delay or suspend the auction. We emphasize that exercise of this authority is solely within the discretion of the Bureau, and its use is not intended to be a substitute for situations in which bidders may wish to apply their activity rule waivers. We seek comment on this proposal.

## II. Bidding Procedures

#### A. Round Structure

The Commission will use its Automated Auction System to conduct the electronic simultaneous multiple round auction format for Auction No. 37. The initial bidding schedule will be announced in a public notice to be released at least one week before the start of the auction, and will be included in the registration mailings. The simultaneous multiple round format will consist of sequential bidding rounds, each followed by the release of round results. Details regarding the location and format of round results will be included in the same public notice.

The Bureau has discretion to change the bidding schedule in order to foster an auction pace that reasonably balances speed with the bidders' need to study round results. The Bureau may increase or decrease the amount of time for the bidding rounds and review periods, or the number of rounds per day, depending upon the bidding activity level and other factors. We seek comment on this proposal.

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<sup>&</sup>lt;sup>9</sup> See 47 C.F.R. § 1.2104(i).

#### B. Reserve Price or Minimum Opening Bid

The Balanced Budget Act calls upon the Commission to prescribe methods by which a reasonable reserve price will be required or a minimum opening bid established when FCC licenses or construction permits are subject to auction (*i.e.*, because the Commission has accepted mutually exclusive applications for those licenses), unless the Commission determines that a reserve price or minimum bid is not in the public interest. <sup>10</sup> Consistent with this mandate, the Commission has directed the Bureaus to seek comment on the use of minimum opening bids and/or reserve price prior to the start of each auction of broadcast construction permits. <sup>11</sup>

Normally, a reserve price is an absolute minimum price below which an item will not be sold in a given auction. Reserve prices can be either published or unpublished. A minimum opening bid, on the other hand, is the minimum bid price set at the beginning of the auction below which *no bids* are accepted. It is generally used to accelerate the competitive bidding process. Also, in a minimum opening bid scenario, the auctioneer generally has the discretion to lower the amount later in the auction. It is also possible for the minimum opening bid and the reserve price to be the same amount.

In light of the Balanced Budget Act, the Bureaus propose to establish minimum opening bids for Auction No. 37. The Bureaus believe a minimum opening bid, which has been utilized in other broadcast auctions, is an effective bidding tool. A minimum opening bid, rather than a reserve price, will help to regulate the pace of the auction and provides flexibility.

For Auction No. 37, the proposed minimum opening bid for each FM allotment, as listed in Attachment A of this Public Notice, was determined by taking into account various factors related to the efficiency of the auction and the potential value of the spectrum, including the type of service and class of facility offered, market size, population covered by the proposed FM broadcast facility, industry cash flow data and recent broadcast transactions. We seek comment on this proposal.

If commenters believe that these minimum opening bids will result in unsold construction permits, or are not reasonable amounts, or should instead operate as reserve prices, they should explain why this is so, and comment on the desirability of an alternative approach. Commenters are advised to support their claim with valuation analyses and suggested reserve prices or minimum opening bid levels or formulas. Alternatively, comment is sought on whether,

See Balanced Budget Act, Section 3002(a). The Commission's authority to establish a reserve price or minimum opening bid is set forth in 47 C.F.R. § 1.2104(c) and (d).

See Broadcast First Report and Order, 13 FCC Rcd at 15971, ¶ 134.

See, e.g., Closed Broadcast Auction — Notice and Filing Requirements for Auction of AM, FM, TV, LPTV and FM and TV Translator Construction Permits — Minimum Opening Bids and Other Procedural Issues, Auction No. 25, DA 99-1346, *Public Notice*, 14 FCC Rcd 10632 (1999); Supplemental Closed Broadcast Auction — Notice and Filing Requirements for Auction of Certain AM, FM, LPTV and TV Broadcast Construction Permits — Minimum Opening Bids and Other Procedural Issues, Auction No. 28, DA 99-2958, *Public Notice* (rel. December 23, 1999).

consistent with the Balanced Budget Act, the public interest would be served by having no minimum opening bids or reserve prices.

#### C. Minimum Accepted Bids and Bid Increments

Once there is a standing high bid on a construction permit, a bid increment will be applied to that permit to establish a minimum acceptable bid for the following round. For Auction No. 37, we propose to set a minimum 10 percent increment. This means that a new bid placed by a bidder must be at least 10 percent greater than the previous bid received on the construction permit. The Bureau retains the discretion to change the methodology for determining the minimum bid increment if they determine the circumstances so dictate. Advanced notice of the Bureau's decision to do so will be announced via the Automated Auction System.

Bidders will enter their bid as multiples of the bid increment (*i.e.*, with a 10 percent bid increment, a bid of 1 increment will place a bid 10 percent above the previous high bid, a bid of 2 increments will place a bid 20 percent above the previous high bid). We seek comment on this proposal.

#### D. Information Regarding Bid Withdrawal and Bid Removal

For Auction No. 37, we propose the following bid removal and bid withdrawal procedures. Before the close of a bidding period, a bidder has the option of removing any bid placed in that round. By using the remove bid function in the software, a bidder may effectively "unsubmit" any bid placed within that round. A bidder removing a bid placed in the same round is not subject to a withdrawal payment.

Once a round closes, a bidder may no longer remove a bid. However, in the next round, a bidder may withdraw standing high bids from previous rounds using the withdraw bid function. A high bidder that withdraws its standing high bid from a previous round is subject to the bid withdrawal payment provisions. We seek comment on these bid removal and bid withdrawal procedures.

In the *Part 1 Third Report and Order*, the Commission explained that allowing bid withdrawals facilitates efficient aggregation of licenses and the pursuit of efficient backup strategies as information becomes available during the course of an auction. The Commission noted, however, that in some instances bidders may seek to withdraw bids for improper reasons, including to delay the close of the auction for strategic purposes. The Bureau, therefore, has discretion, in managing the auction, to limit the number of withdrawals to prevent strategic delay of the close of the auction or other abuses. The Commission stated that the Bureau should assertively exercise its discretion, consider limiting the number of rounds in which bidders may withdraw bids, and prevent bidders from bidding on a particular market it finds that a bidder is abusing the Commission's bid withdrawal procedures.<sup>14</sup>

Applying this reasoning, we propose to limit each bidder in Auction No. 37 to withdraw standing high bids in no more than two rounds during the course of the auction. To permit a bidder to

See 47 C.F.R. § 1.2104(g); 1.2109.

Part 1 Third Report and Order, 13 FCC Rcd at 460, ¶ 150.

withdraw bids in more than two rounds would likely encourage insincere bidding or the use of withdrawals for anti-competitive strategic purposes. The two rounds in which withdrawals are utilized will be at the bidder's discretion; withdrawals otherwise must be in accordance with the Commission's rules. There is no limit on the number of standing high bids that may be withdrawn in either of the rounds in which withdrawals are utilized. Withdrawals will remain subject to the bid withdrawal payment provisions specified in the Commission's rules.

We seek comment on these proposals.

### E. Stopping Rule

For Auction No. 37, the Bureau proposes to employ a simultaneous stopping rule approach. The Bureau has discretion "to establish stopping rules before or during multiple round auctions in order to terminate the auction within a reasonable time." A simultaneous stopping rule means that all construction permits remain open until the first round in which no new acceptable bids, proactive waivers or withdrawals are received. After the first such round, bidding closes simultaneously on all construction permits. Thus, unless circumstances dictate otherwise, bidding would remain open on all construction permits until bidding stops on every permit.

The Bureau seeks comment on a modified version of the simultaneous stopping rule. The modified stopping rule would close the auction for all construction permits after the first round in which no bidder submits a proactive waiver, a withdrawal, or a new bid on any construction permit on which it is not the standing high bidder. Thus, absent any other bidding activity, a bidder placing a new bid on a construction permit for which it is the standing high bidder would not keep the auction open under this modified stopping rule. The Bureau further seeks comment on whether this modified stopping rule should be utilized.

We propose that the Bureau retains the discretion to keep an auction open even if no new acceptable bids or proactive waivers are submitted and no previous high bids are withdrawn. In this event, the effect will be the same as if a bidder had submitted a proactive waiver. The activity rule, therefore, will apply as usual and a bidder with insufficient activity will either lose bidding eligibility or use a remaining activity rule waiver.

Finally, we propose that the Bureau reserve the right to declare that the auction will end after a specified number of additional rounds ("special stopping rule"). If the Bureau invokes this special stopping rule, they will accept bids in the final round(s) only for construction permits on which the high bid increased in at least one of the preceding specified number of rounds. The Bureau proposes to exercise this option only in certain circumstances, such as, for example, where the auction is proceeding very slowly, there is minimal overall bidding activity, or it appears likely that the auction will not close within a reasonable period of time. Before exercising this option, the Bureau is likely to attempt to increase the pace of the auction by, for example, increasing the number of bidding rounds per day, and/or increasing the amount of the minimum bid increments for the limited number of construction permits where there is still a high level of bidding activity.

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<sup>&</sup>lt;sup>15</sup> 47 C.F.R. § 1.2104(e).

We seek comment on these proposals.

#### **III.** Conclusion

Comments are due on or before October 9, 2000, and reply comments are due on or before October 23, 2000. To file formally, parties must submit an original and four copies to the Office of the Secretary, Federal Communications Commission, 445 Twelfth Street, S.W., TW-A325, Washington, DC 20054. In addition, parties must submit one copy to Louis Sigalos, Deputy Division Chief, Auctions and Industry Analysis Division, Wireless Telecommunications Bureau, 445 Twelfth Street, S.W., Suite 4-A668, Washington, DC 20554.

Comments and reply comments will be available for public inspection during regular business hours in the FCC Public Reference Room, Room CY-A257, 445 12th Street, S.W., Washington, D.C. 20554.

For further information concerning this proceeding, contact Kathy Garland, Auctions and Industry Analysis Division, Wireless Telecommunications Bureau, at (717) 338-2888; Kenneth Burnley, Legal Branch, Auctions and Industry Analysis Division, Wireless Telecommunications Bureau, at (202) 418-0660; or Lisa Scanlan, Audio Services Division, Mass Media Bureau at (202) 418-2700.

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					Co	ordi	inat	es						Upfront
Market	State	City	Channel	Class	Lat	ituc	le		Lon	gitu	de		MOB	Payment
FM1	AK	BETHEL	252	C3	60	47	6	Ν	161	47	54	W	\$15,000	\$15,000
FM2	AK	DELTA JUNCTION	228	Α	64	3	42	N	145	41	16	W	\$7,500	\$7,500
FM3	AK	KING SALMON	221	Α	58	41	30	Ν	156	39	30	W	\$2,500	\$2,500
FM4	AK	KOTZEBUE	280	Α	66	54	0	N	162	35	0	W	\$5,000	\$5,000
FM5	AK	STERLING	231	C2	60	32	18		150	45	30	W	\$50,000	\$50,000
FM6	AK	WASILLA	265	C2	61	38		N	149	22	14	W	\$210,000	\$210,000
FM7	AL	ST. FLORIAN	274	A	34	57		N	87	39	30	W	\$210,000	\$210,000
FM8	AR	CALICO ROCK	246	Α	36	5	1	_	92	9	26	W	\$30,000	\$30,000
FM9	AR	COTTON PLANT	257	Α	34	55	32	N	91	9	32	W	\$30,000	\$30,000
FM10	AR	ELAINE	238	Α	34	22	52		90	45	56	W	\$60,000	\$60,000
FM11	AR	JUDSONIA	237	Α	35	17		N	91	37	45	W	\$90,000	\$90,000
FM12	AR	KENSETT	289	Α	35	14		N	91	39		W	\$115,000	\$115,000
FM13	AR	ST. PAUL	287	Α	35	48	14		93	37	0	W	\$10,000	\$10,000
FM14	AS	FAGAITAU	276	C2	14	16	19		170	34		W	\$60,000	\$60,000
FM15	AZ	FLAGSTAFF	279	C3	35	17	19		111	38			\$115,000	\$115,000
FM16	AZ	MOHAVE VALLEY	240	A	34	55	40		114			W	\$90,000	\$90,000
FM17	AZ	MUNDS PARK	291	A	34	56	44		111	38		W	\$75,000	\$75,000
FM18	AZ	PAYSON	257	A	34	13	54		111	20		W	\$30,000	\$30,000
FM19	AZ	PIMA	296	A	32	53	36		109	49		W	\$40,000	\$40,000
FM20	AZ	SALOME	241	A	33	46	54		113	36		W	\$2,500	\$2,500
FM21	AZ	SOMERTON	260	C3	32	35		N	114		5	W	\$210,000	\$210,000
FM22	AZ	TEEC NOS POS	237	C1	36	54	36	_	109	6	0	W	\$90,000	\$90,000
FM23	AZ	WELLTON	240	A	32	40	18		114	8	18	W	\$20,000	\$20,000
FM24	AZ	YARNELL	258	A	34	13	18		112	44		W	\$10,000	\$10,000
FM25	CA	BLUE LAKE	292	A	40	52	54		123	59		W	\$170,000	\$170,000
FM26	CA	BOONVILLE	241	A	39	3	42		123	31	47	W	\$170,000	\$170,000
FM27	CA	CARMEL VALLEY	290	A	36	20	28	_	121	42	51	W	\$40,000	\$40,000
FM28	CA	COALINGA	247	A	36	12	37	_	120	25	35	W	\$20,000	\$20,000
FM29	CA	COARSEGOLD	233	A	37	18	51		119	42	20	W	\$50,000	\$50,000
FM30	CA	HAMILTON CITY	269	A	39	49	52		122	2	31	W	\$250,000	\$250,000
FM31	CA	HEMET	273	A	33	49	41		116	59	13	W	\$400,000	\$400,000
FM32	CA	LOST HILLS	289	A	35	38	19		119	48	26	W	\$5,000	\$5,000
FM33	CA	MARICOPA	235	A	35	5	19	N	119	26	0	W	\$40,000	\$40,000
FM34	CA	MCFARLAND	247	A	35	40	16	_	119				\$140,000	
FM35	CA	MOJAVE	241	A	35				118				\$60,000	\$60,000
FM36	CA	SUSANVILLE	242	C3	40				120				\$50,000	\$50,000
FM37	CA	TAFT	293	A	35	8			119				\$40,000	\$40,000
FM38	CA	TECOPA	293	A		50			116				\$2,500	\$2,500
FM39	CA	WESTLEY	238	A	37	28		_	121				\$400,000	
FM40	CO	BAYFIELD	223	A	37		29		107				\$20,000	\$20,000
FM41	CO	CALHAN	284		39	7	42		107					· ·
				A									\$15,000	\$15,000
FM42	CO	CARBONDALE	244	A		25			107				\$50,000	\$50,000
FM43	CO	CENTER	287	A	37	45		N	106		24		\$30,000	\$30,000
FM44	CO	DEL NORTE	242	A C1	37	40			106				\$20,000	\$20,000
FM45	CO	DINOSAUR	247	C1	40	14			109				\$50,000	\$50,000
FM46	CO	DOVE CREEK	273	C3	37	45		_	108				\$5,000	\$5,000
FM47	CO	ECKLEY	237	C1	40	6		_	102				\$40,000	\$40,000
FM48	CO	EL JEBEL	263	A	39			_	107		29		\$50,000	\$50,000
FM49	CO	IDALIA	231	A	39			N	102		30		\$2,500	\$2,500
FM50	CO	LA JARA	246	Α	37	16	24	N	105	57	30	W	\$40,000	\$40,000

					Co	ordi	inat	es						Upfront
Market	State	City	Channel	Class	Lat	ituc	de		Lon	gitu	de		MOB	Payment
FM51	CO	LA VETA	277	Α	37	30	54	Ν	105	0	18	W	\$10,000	\$10,000
FM52	CO	LAS ANIMAS	297	Α	38	3	54	N	103	13	24	W	\$10,000	\$10,000
FM53	CO	NEW CASTLE	233	Α	39	34	12	Ν	107	31	54	W	\$40,000	\$40,000
FM54	CO	PALISADE	253	C3	39	6	30		108		6	W	\$170,000	. ,
FM55	CO	PONCHA SPRINGS	248	Α	38	30	42	N	106	4	42	W	\$15,000	\$15,000
FM56	СО	RYE	285	Α	37	55	18	_	104		48	W	\$7,500	\$7,500
FM57	CO	WALDEN	231	C2	40	41	54		106	29		W	\$20,000	\$20,000
FM58	СО	WALSENBURG	267	C3	37	37	27	N	104		47	W	\$15,000	\$15,000
FM59	СО	WESTCLIFFE	276	Α	38	4	28		105	32	13	W	\$2,500	\$2,500
FM60	CO	YUMA	233	Α	40	7	30		102	43	24	W	\$10,000	\$10,000
FM61	FL	CEDAR KEY	261	Α	29	8	12		83	2	6	W	\$2,500	\$2,500
FM62	FL	EBRO	236	Α	30	28	15		85				\$30,000	\$30,000
FM63	FL	HORSESHOE BEACH		C3	29	26			83	17	15	W	\$30,000	\$30,000
FM64	FL	INGLIS	257	A	29	7	49		82	41	19	W	\$60,000	\$60,000
FM65	FL	OTTER CREEK	240	A	29	16			82	51	42	W	\$40,000	\$40,000
FM66	FL	PERRY	228	Α	30	7		N	83	34	26		\$30,000	\$30,000
FM67	FL	PERRY	299	C3	29	59			83	39			\$30,000	\$30,000
FM68	FL	SATELLITE BEACH	253	A	28	10			80	36			\$400,000	\$400,000
FM69	GU	TUMON	282	Α	13	30	25		144	48	5	E	\$170,000	\$170,000
FM70	HI	CAPTAIN COOK	226	C1	19	29			155	55		W	\$90,000	\$90,000
FM71	HI	HAIKU	293	C	20	55		N	156	19		W	\$210,000	\$210,000
FM72	HI	HANAPEPE	232	C1	21	54		_	159	35	43	W	\$115,000	\$115,000
FM73	HI	HOLUALOA	221	C2	19	37		N	155	57	0	W	\$60,000	\$60,000
FM74	HI	HONOKAA	275	C2	20	4	54		155	28	0	W	\$50,000	\$50,000
FM75	HI	KAUNAKAKAI	272	C	21	5	30	_	157	1	24	W	\$400,000	\$400,000
FM76	HI	KIHEI	298	C2	20	47		N	156		48	W	\$210,000	\$210,000
FM77	HI	KURTISTOWN	271	A	19	35	36		155	3	36	W	\$140,000	
FM78	HI	NANAKULI	295	A	21	23	30	_	158	8	30	W	\$400,000	
FM79	HI	WAHIAWA	278	A	21	30		N	158	2	0	W	\$400,000	
FM80	IA	ANAMOSA	239	A	42	5	40		91	21	18		\$250,000	
FM81	IA	ASBURY	238	A	42	30	18	_	90	40	46	W	\$170,000	
FM82	IA	DUNKERTON	280	A	42	38	59		92	10	32	W	\$250,000	
FM83	IA	KEOSAUQUA	271	C3	40	43		_	91	57	48	W	\$90,000	\$90,000
FM84	IA	MANSON	259	A	42	31	48	_	94		0	W	\$50,000	\$50,000
FM85	IA	MOVILLE	246	A	42		11	_	96		36		\$60,000	\$60,000
FM86	IA	NEWELL	265	A	42			N	95		21		\$50,000	\$50,000
FM87	IA	PACIFIC JUNCTION	299	A	41	3				46			\$400,000	. ,
FM88	IA	PATTERSON	290	A	41	20				52			\$115,000	
FM89	IA	PLEASANTVILLE	242	A	41	23			93				\$115,000	
FM90	IA	ROCKFORD	225	A	43	1	55			57			\$115,000	
FM91	IA	RUDD	268	A	43		34			54			\$115,000	
FM92	IA	SAC CITY	284	A	42					52			\$40,000	\$40,000
FM93	IA	SIBLEY	282	A	43					45			\$60,000	\$60,000
FM94	ID	ABERDEEN	258	C2	40	0	-		112			_	\$5,000	\$5,000
FM95	ID	ASHTON	243		_			_	111					
FM96	ID ID	HAILEY	294	A C	44	4 22		N	114				\$20,000 \$170,000	\$20,000
				C3	43			_				_	· ·	
FM97	ID	HAZELTON	232		_	35	_		114		54		\$170,000	
FM98	ID	KOOTENAI	294	A	48			_	116				\$40,000	\$40,000
FM99	ID	SALMON	233	A		10	_	_	113				\$10,000	\$10,000
FM100	ID	ST. MARIES	221	Α	47	18	54	IN	116	34	30	V۷	\$20,000	\$20,000

					Co	ordi	inat	es						Upfront
Market	State	City	Channel	Class	Lat	ituc	de		Lon	gitu	de		MOB	Payment
FM101	ID	TROY	262	Α	46	44	49	Ν	116	39	59	W	\$60,000	\$60,000
FM102	ID	TWIN FALLS	269	Α	42	33	42	Ν	114	28	12	W	\$140,000	\$140,000
FM103	IL	CANTON	252	Α	40	32	46	_	90	4	59	W	\$90,000	\$90,000
FM104	IL	CEDARVILLE	258	Α	42	21	50	Ν	89	40	59	W	\$140,000	\$140,000
FM105	IL	CLIFTON	297	Α	40	52	0		87	58	0	W	\$170,000	\$170,000
FM106	IL	COLCHESTER	244	Α	40	21	48		90	55	41	W	\$75,000	\$75,000
FM107	IL	FREEPORT	295	Α	42	19	28		89	35	13	W	\$140,000	\$140,000
FM108	IL	HEYWORTH	250	Α	40	20	55	_	88	58	56	W	\$250,000	\$250,000
FM109	IL	NORMAL	264	Α	40	27	38		89	6	6	W	\$250,000	\$250,000
FM110	IL	ST. ANNE	293	Α	40	56			87	39	10	W	\$140,000	\$140,000
FM111	IL	WATSEKA	240	Α	40	48	0	_	87	47	15	W	\$60,000	\$60,000
FM112	IN	FARMERSBURG	242	Α	39	15	18		87	23		W	\$250,000	\$250,000
FM113	IN	FOWLER	291	Α	40	38	5		87	18	46		\$50,000	\$50,000
FM114	IN	MADISON	266	Α	38	49	15		85	18	46	W	\$115,000	\$115,000
FM115	KS	AUGUSTA	263	Α	37	41	12		96	58	30		\$250,000	\$250,000
FM116	KS	BURDETT	228	Α	38	11	30		99	31		W	\$5,000	\$5,000
FM117	KS	CIMARRON	222	Α	37	48		N	100	23	9	W	\$10,000	\$10,000
FM118	KS	COUNCIL GROVE	281	C3	38	39	42		96	29	18		\$60,000	\$60,000
FM119	KS	HAYS	289	C2	38	57	15		99	26	43		\$90,000	\$90,000
FM120	KS	HUTCHINSON	240	A	38	4		_	97	55	42		\$140,000	\$140,000
FM121	KS	KIOWA	252	C1	37	1	0		98	29	12		\$75,000	\$75,000
FM122	KS	LINDSBORG	269	C3	38	39		N	97	42	12		\$140,000	\$140,000
FM123	KS	NESS CITY	285	A	38	27		N	99	53	36		\$7,500	\$7,500
FM124	KS	ROZEL	273	Α	38	11	42		99	24	24		\$15,000	\$15,000
FM125	KY	ANNVILLE	244	Α	37	14			83	53		W	\$115,000	\$115,000
FM126	KY	BRODHEAD	270	Α	37	22	29		84	26	41	W	\$115,000	\$115,000
FM127	KY	FREDONIA	221	Α	37	15			88	1	49	W	\$60,000	\$60,000
FM128	KY	LA CENTER	282	Α	37	4	22		88	52	25	W	\$140,000	\$140,000
FM129	KY	MOUNT VERNON	275	Α	37	23			84	25	59	W	\$115,000	\$115,000
FM130	KY	SMITH MILLS	233	Α	37	47	26		87	55	23	W	\$75,000	\$75,000
FM131	KY	STURGIS	267	Α	37	32	54	_	87	59	6	W	\$60,000	\$60,000
FM132	LA	FRANKLIN	295	C3	29	47	42	N	91	30	12	W	\$210,000	\$210,000
FM133	LA	GOLDEN MEADOW	289	C2	29	14			90	15	0	W	\$90,000	\$90,000
FM134	LA	HOMER	272	Α	32	42			92	56	35	W	\$50,000	\$50,000
FM135	LA	RINGGOLD	253	C3	32		49			12				\$115,000
FM136	LA	SIMMESPORT	287	Α	30		30	Ν	91	47		W	\$50,000	\$50,000
FM137	LA	TALLULAH	248	Α	32	25		N	91		15		\$30,000	\$30,000
FM138	MA	BREWSTER	232	Α	41	46		N	70	0	38		\$170,000	
FM139	MA	WEST TISBURY	282	Α	41	22	52	Ν	70	40	30		\$75,000	\$75,000
FM140	MD	MIDLAND	258	Α	39	40			78	57	25		\$210,000	
FM141	MI	CARNEY	260	Α	45	35			87	39	37		\$30,000	\$30,000
FM142	МІ	CRYSTAL FALLS	235	Α	46	9		N	88			W	\$30,000	\$30,000
FM143	MI	GWINN	262	C3	46	17			87	21	10		\$140,000	
FM144	MI	HUBBARDSTON	279	Α	43	5	_		84		54		\$140,000	
FM145	МІ	MCMILLAN	244	C3	46		_		85		12		\$20,000	\$20,000
FM146	MI	POWERS	297	C3	45	41	12		87	31	30		\$90,000	\$90,000
FM147	MI	REPUBLIC	244	A	46		_	N	88		12		\$40,000	\$40,000
FM148	MI	WALHALLA	255	Α	43			N		10			\$75,000	\$75,000
FM149	MN	LAKE CRYSTAL	239	Α	44	9			94		32		\$90,000	\$90,000
FM150	MN	LANESBORO	280	Α	43			N	92	7		W	\$50,000	\$50,000

					Coordinates								Upfront	
Market	State	City	Channel	Class	Lat	ituc	le		Lon	gitu	de		MOB	Payment
FM151	MN	VERNON CENTER	231	Α	44	1	15	Ν	94	15	0	W	\$140,000	\$140,000
FM152	МО	ARCADIA	280	Α	37	32	30	N	90	43	0	W	\$30,000	\$30,000
FM153	МО	BUNKER	292	Α	37	27	18	Ν	91	12	48	W	\$10,000	\$10,000
FM154	МО	GIDEON	280	Α	36	32	10		89	49	18		\$75,000	\$75,000
FM155	МО	LINN	276	Α	38	29		N	91	51	6		\$60,000	\$60,000
FM156	MS	FRIARS POINT	254	Α	34	24		N	90	38	51	W	\$115,000	\$115,000
FM157	MS	MACON	263	Α	33	6	37		88	39	59		\$30,000	\$30,000
FM158	MS	NEW ALBANY	268	Α	34	31	14		89	3	3	W	\$90,000	\$90,000
FM159	MS	NEW AUGUSTA	269	Α	31	13	41		89	6	47	W	\$170,000	\$170,000
FM160	MS	REDWOOD	288	Α	32	27	13		90	48	42		\$90,000	\$90,000
FM161	MS	SALTILLO	275	C3	34	23	56		88	34	6		\$250,000	\$250,000
FM162	MS	TYLERTOWN	297	A	31	5	27		90	5	47	W	\$75,000	\$75,000
FM163	MT	ALBERTON	288	C2	47	1	45		114	45	20		\$20,000	\$20,000
FM164	MT	BELT	269	A	47	23	12		110	55	18	_	\$50,000	\$50,000
FM165	MT	BIG SKY	242	A	45	16		N	111	22	14	_	\$2,500	\$2,500
FM166	MT	BOULDER	299	Α	46	14	18		112	7	6		\$5,000	\$5,000
FM167	MT	CHOTEAU	271	C1	47	33	40		112	18	43		\$30,000	\$30,000
FM168	MT	EUREKA	228	C3	48	52	54		115	2	54		\$7,500	\$7,500
FM169	MT	FAIRFIELD	279	C2	47	37		N	111	59	6		\$60,000	\$60,000
FM170	MT	FLORENCE	278	A	46	37	42		114	4	48	W	\$115,000	\$115,000
FM171	MT	FORT BENTON	239	C3	47	44		N	110	47	41	W	\$20,000	\$20,000
FM172	MT	JOILET	259	C3	45	29	6		108	58	18		\$50,000	\$50,000
FM173	MT	LOCKWOOD	294	A	45	49	9		108	24		W	\$250,000	\$250,000
FM174	MT	OUTLOOK	289	C	48	53	18		104	46	42		\$30,000	\$30,000
FM175	MT	SAINT REGIS	256	C2	47	15	56		114	51	29		\$20,000	\$20,000
FM176	MT	SCOBEY	239	C1	48	48	3		105	21	0	W	\$15,000	\$15,000
FM177	MT	STEVENSVILLE	283	A	46	30	24		114	5	18		\$30,000	\$30,000
FM178	MT	VALIER	289	C1	48	18	18		112	15	30		\$50,000	\$50,000
FM179	MT	WHITEFISH	286	A	48	24	42		114	20	18		\$90,000	\$90,000
FM180	MT	WHITEHALL	274	A	45	56	11		112	13	51	W	\$75,000	\$75,000
FM181	NC	BUXTON	260	Α	35	16		N	75	31	54	W	\$5,000	\$5,000
FM182	NC	BUXTON	268	A	35	16		N	75	31	54	W	\$5,000	\$5,000
FM183	NC	ENFIELD	297	Α	36	11		N	77	41	40		\$140,000	\$140,000
FM184	ND	BELFIELD	230	C1	46	53		N	103	11	48		\$60,000	\$60,000
FM185	ND	BERTHOLD	264	C			54		103					\$170,000
FM186	ND	BURLINGTON	276	C1		16			101				\$170,000	
FM187	ND	CANNON BALL	298	C			48		100				\$210,000	
FM188	ND	FLASHER	290	С		27			101	14		W	\$210,000	
FM189	ND	GACKLE	256	С		37			99	8			\$90,000	\$90,000
FM190	ND	HAZELTON	280	С		38			100				\$210,000	
FM191	ND	MEDINA	222	С			36		99				\$90,000	\$90,000
		NEW ENGLAND												
FM192	ND		239	С			24		102				\$90,000	\$90,000
FM193	ND	RICHARDTON	270	C C			25		102				\$115,000	· · · · · · · · · · · · · · · · · · ·
FM194	ND	SARLES	290			56				59		_	\$60,000	\$60,000
FM195	ND	VELVA	235	C1	48	3			100				\$140,000	
FM196	ND	WIMBLEDON	276	C1	47	10			98		30		\$90,000	\$90,000
FM197	NE	ALLEN	265	A	42		14		96		7		\$30,000	\$30,000
FM198	NE	CHADRON	234	C1	42	49			103	0	0		\$50,000	\$50,000
FM199	NE	HERSHEY	297	C1	41	9			101	0	0	_	\$90,000	\$90,000
FM200	NE	HUMBOLDT	244	Α	40	9	0	N	95	55	43	W	\$20,000	\$20,000

					Coordinates								Upfront	
Market	State	City	Channel	Class	Lat	ituc	le		Lon	gitu	ide		MOB	Payment
FM201	NE	MINATARE	295	Α	41	48	34	Ν	103	30	12	W	\$75,000	\$75,000
FM202	NE	MITCHELL	257	Α	41	56	36	Ν	103	48	30	W	\$75,000	\$75,000
FM203	NE	OVERTON	257	C2	40	44	24	Ν	99	42	6	W	\$115,000	\$115,000
FM204	NE	PAXTON	228	C1	41	6	48	Ν	101	21	12		\$90,000	\$90,000
FM205	NE	RAVENNA	276	C2	41	1	36	Ν	98	54	48	W	\$210,000	\$210,000
FM206	NE	SARGENT	221	C1	41	38	30	Ν	99	22	18	_	\$50,000	\$50,000
FM207	NE	SUTHERLAND	264	C1	41	9	30	Ν	101	7	36		\$90,000	\$90,000
FM208	NH	GROVETON	229	Α	44	33	55	Ν	71	37	48	_	\$40,000	\$40,000
FM209	NH	JEFFERSON	247	Α	44	23	40	Ν	71	25	15		\$60,000	\$60,000
FM210	NH	WHITEFIELD	256	Α	44	27	17	Ν	71	31	36		\$60,000	\$60,000
FM211	NM	DEXTER	241	C3	33	11	42	Ν	104	22	18	W	\$115,000	\$115,000
FM212	NM	LORDSBURG	279	C3	32	20	48	Ν	108		36		\$7,500	\$7,500
FM213	NM	MAGDALENA	240	C2	34	7	0	Ν	107	14	36	W	\$30,000	\$30,000
FM214	NM	QUESTA	279	C1	36	40	33	Ν	105	32	27	W	\$75,000	\$75,000
FM215	NM	SHIPROCK	265	C1	36	46	12	Ν	108	42	49	W	\$210,000	\$210,000
FM216	NM	SOCORRO	271	C2	34	3	42	Ν	106	53	48	W	\$20,000	\$20,000
FM217	NM	TAOS	240	Α	36	21	48	Ν	105	28	51	W	\$30,000	\$30,000
FM218	NM	TEXICO	243	Α	34	23		Ν	103	2	48	W	\$90,000	\$90,000
FM219	NM	TULAROSA	274	C3	33	4	30	_	106	1	6	_	\$90,000	\$90,000
FM220	NV	CALIENTE	233	C1	37	36	54		114		48		\$7,500	\$7,500
FM221	NV	CAL-NEV-ARI	285	Α	35	17	12		114	51	57	W	\$7,500	\$7,500
FM222	NV	ELKO	233	C3	40	49	48		115	45	36		\$50,000	\$50,000
FM223	NV	ELKO	248	C1	40	49	48	_	115		36	_	\$60,000	\$60,000
FM224	NV	HAWTHORNE	228	Α	38	27	19		118	43	7	W	\$10,000	\$10,000
FM225	NV	LOVELOCK	292	C1	40	10	48	-	118			_	\$7,500	\$7,500
FM226	NV	MESQUITE	244	С	36	51	15		114	3	30		\$115,000	
FM227	NV	OVERTON	295	C1	36	53			114	34		W	\$15,000	\$15,000
FM228	NV	WELLS	280	C1	41	6	42	_	114	57	48	W	\$20,000	\$20,000
FM229	NY	AMHERST	221	Α	42	58	42		78	48	0	_	\$800,000	
FM230	NY	CANASERGA	246	Α	42	21	41	Ν	77	45	9	_	\$115,000	
FM231	NY	DANNEMORA	250	Α	44	43	12	Ν	73	43	36	_	\$140,000	
FM232	NY	DELHI	248	Α	42	15	23	Ν	74	58	35		\$90,000	\$90,000
FM233	NY	LIVINGSTON MANOR	296	Α	41	56	52		74	48	13	_	\$75,000	\$75,000
FM234	NY	NARROWSBURG	275	Α	41	38		Ν	74	59	46		\$115,000	
	NY	OLD FORGE	223	Α		42			74		24		\$5,000	\$5,000
FM236	NY	SARANAC LAKE	296	Α	44	19	48	Ν	74	8		W	\$40,000	\$40,000
FM237	NY	SPECULATOR	243	Α		29			74	21	44		\$5,000	\$5,000
FM238	NY	WELLSVILLE	228	Α	42		25		77		29		\$90,000	\$90,000
FM239	NY	WINDSOR	294	Α	42			Ν	75			_	\$115,000	
	OK	ANTLERS	284	Α		13				36		W	\$30,000	\$30,000
FM241	OK	CORDELL	229	Α		17				59			\$40,000	\$40,000
FM242	OK	ELDORADO	246	Α		28				38			\$15,000	\$15,000
FM243	OK	GUYMON	258	C1		41		N	101			W	\$115,000	
FM244	OK	HOLLIS	223	Α		41		Ν	99				\$7,500	\$7,500
FM245	OK	SOPER	243	Α	34	1	56		95				\$40,000	\$40,000
FM246	OK	WEATHERFORD	286	Α		33		N	98				\$60,000	\$60,000
FM247	OK	WYNNEWOOD	283	Α		38			97	10		W	\$60,000	\$60,000
FM248	OR	BAY CITY	242	A		31			123			_	\$40,000	\$40,000
FM249	OR	CONDON	228	A		14			120			W	\$2,500	\$2,500
FM250	OR	DALLAS	252	C3	_	55		N	123			W	\$400,000	

					Coordinates								Upfront	
Market	State	City	Channel	Class	Lat	ituc	de		Lon	gitu	ide		MOB	Payment
FM251	OR	ELGIN	290	Α	45	33	54	Ν	117	55	0	W	\$15,000	\$15,000
FM252	OR	PRINEVILLE	254	C3	44	13	30	Ν	120	46	30		\$60,000	\$60,000
FM253	OR	RAINIER	252	Α	46	10	18	Ν	122	57	42	W	\$170,000	
FM254	OR	STANFIELD	241	C3	45	40	40		119	23	1	W	\$60,000	\$60,000
FM255	PA	CLARENDON	274	Α	41	41	30		79	3	43	W	\$75,000	\$75,000
FM256	PA	LIBERTY	298	Α	41	29	28	_	77	12	22	W	\$50,000	\$50,000
FM257	PA	MEYERSDALE	253	Α	39	48	42		79	1	36	W	\$170,000	\$170,000
FM258	SC	MISSOULA	290	Α	46	51	42		114	0	30	_	\$170,000	
FM259	SD	BOX ELDER	274	Α	44	6	48	Ν	103	4			\$170,000	
FM260	SD	IPSWICH	300	Α	45	26	42		99	1	48		\$7,500	\$7,500
FM261	SD	LENNOX	256	C3	43	21	24		96	54	5		\$250,000	·
FM262	SD	MISSION	264	A	43	18	24		100	39			\$15,000	\$15,000
FM263	SD	MURDO	285	Α	43	53	24		100	43	6		\$2,500	\$2,500
FM264	SD	NEWELL	279	C2	44	43		N	103	25	18	_	\$75,000	\$75,000
FM265	SD	PINE RIDGE	228	A	43	1		N	102	33			\$10,000	\$10,000
FM266	SD	PRESHO	262	Α	43	54	24		100	3	36		\$2,500	\$2,500
FM267	SD	ROSCOE	287	A	45	27		N	99	20	12	_	\$7,500	\$7,500
FM268	TN	TIPTONVILLE	267	C3	36	19	41		89	23			\$210,000	·
FM269	TX	ALBANY	255	A	32	43	36	_	99	17	42	_	\$7,500	\$7,500
FM270	TX	BRECKENRIDGE	261	A	32	44	34		98	54			\$20,000	\$20,000
FM271	TX	CARRIZO SPRINGS	228	A	28	31	12		99	54			\$40,000	\$40,000
FM272	TX	CORRIGAN	261	A	30	59	48	_	94	49	48	_	\$30,000	\$30,000
FM273	TX	CORRIGAN	261	A	30	59	48	_	94	49	48	_	\$30,000	\$30,000
FM274	TX	COTULLA	242	A	28	30	22		99	12	46		\$15,000	\$15,000
FM275	TX	EDEN	283	A	31	13	6	-	99	50	36	_	\$5,000	\$5,000
FM276	TX	ELDORADO	285	A	30	51	36		100	36	0	W	\$5,000	\$5,000
FM277	TX	GEORGE WEST	228	C3	28	15	46		98	12		W	\$20,000	\$20,000
FM278	TX	GOLDSMITH	234	A	31	54	26	_	102	42	14		\$40,000	\$40,000
FM279	TX	GROVETON	251	A	31	3	30		95	7	36		\$30,000	\$30,000
FM280	TX	INGRAM	243	A	30	4	30		99	14	6	_	\$75,000	\$75,000
FM281	TX	KERRVILLE	291	A	30	2	48	_	99	8	24	_	\$90,000	\$90,000
FM282	TX	KERRVILLE	291	A	30	1	54		99	9	1	W	\$90,000	\$90,000
FM283	TX	KNOX CITY	297	A	33	25	3	_	99	40	16		\$10,000	\$10,000
FM284	TX	LEAKEY	226	A	29	43			99	45		_	\$7,500	\$7,500
FM285	TX	LOVELADY	282	C3	31	9				27		W	\$90,000	\$90,000
FM286	TX	LUFKIN	230	A	31				94		30		\$170,000	
FM287	TX	MARFA	228	A		18			104				\$7,500	\$7,500
FM288	TX	MASON	224	A		45		N	99			W	\$7,500	\$7,500
FM289	TX	MERIDIAN	285	A		59		N	99	41			\$30,000	\$30,000
FM290	TX	OLNEY	282	C2	33				98			W	\$60,000	\$60,000
	TX	REFUGIO	263			21		N	97	16				
FM291				A									\$15,000	\$15,000
FM292	TX	RENO	255	A		40				36		W	\$90,000	\$90,000
FM293	TX	RIO GRANDE CITY	236	A	26				_	49			\$75,000	\$75,000
FM294	TX	ROCKSPRINGS	295	C2	30	2	44		100			W	\$7,500	\$7,500
FM295	TX	SANTA ANNA	288	C3	31	37	38		99		3		\$75,000	\$75,000
FM296	TX	SEYMOUR	222	C2		34			99		1	_	\$20,000	\$20,000
FM297	TX	SEYMOUR	254	A		29			99		6	_	\$10,000	\$10,000
FM298	TX	SULPHUR BLUFF	259	A		23		N	95			_	\$30,000	\$30,000
FM299	TX	VAN ALSTYNE	260	A	_	27		N		27		_	\$140,000	
FM300	TX	WELLINGTON	278	C3	34	49	13	N	100	14	29	W	\$20,000	\$20,000

					Coordinates								Upfront	
Market	State	City	Channel	Class	Lat	ituc	le		Lon	gitu	de		MOB	Payment
FM301	TX	YORKTOWN	242	Α	29	2	30	N	97	26		W	\$30,000	\$30,000
FM302	TX	ZAPATA	274	Α	26	54	30	N	99	16	18	W	\$20,000	\$20,000
FM303	TX	ZAPATA	280	Α	26	54	30	N	99	16	18	_	\$20,000	\$20,000
FM304	UT	CASTLE DALE	237	СЗ	39	12	48		111	1	18	W	\$20,000	\$20,000
FM305	UT	HUNTINGTON	296	C2	39	19	36	N	110	57	50	W	\$60,000	\$60,000
FM306	UT	HURRICANE	275	C3	37	10			113	17	24	W	\$90,000	\$90,000
FM307	UT	MONA	225	Α	39	46	39		111	51	41	W	\$20,000	\$20,000
FM308	UT	MONROE	257	C2	38	37	21	N	112	7	29	W	\$40,000	\$40,000
FM309	UT	MONTICELLO	291	C1	37	52	17	N	109	20	32	W	\$20,000	\$20,000
FM310	UT	PAROWAN	300	C2	37	50	30	N	112	49		W	\$50,000	\$50,000
FM311	UT	TOQUERVILLE	280	С	37	15	12	N	113	17	0	W	\$170,000	· · · · · · · · · · · · · · · · · · ·
FM312	UT	TORREY	253	Α	38	18		N	111	25	12	W	\$2,500	\$2,500
FM313	UT	WELLINGTON	221	СЗ	39	32	33	N	110	44	5	W	\$50,000	\$50,000
FM314	VA	NASSAWADOX	252	Α	37	28	24		75	51	30	W	\$40,000	\$40,000
FM315	VA	SHENANDOAH	296	Α	38	30		N	78	36	33		\$210,000	\$210,000
FM316	VT	BARTON	262	Α	44	44	54		72	10	36		\$60,000	\$60,000
FM317	VT	HARDWICK	290	Α	44	30	18		72	22	24		\$75,000	\$75,000
FM318	WA	CHEHALIS	282	Α	46	38	57		122	57			\$115,000	\$115,000
FM319	WA	MANSON	234	C3	47	53	18		120	9	18	_	\$40,000	\$40,000
FM320	WA	OCEAN SHORES	228	A	46	57	47		124	9	50	_	\$75,000	\$75,000
FM321	WA	ROYAL CITY	228	A	46	48	25		119	33			\$15,000	\$15,000
FM322	WA	WESTPORT	267	Α	46	53	24		124	6	6		\$75,000	\$75,000
FM323	WA	WINTHROP	248	Α	48	27	40		120	10			\$7,500	\$7,500
FM324	WI	AUGUSTA	268	C3	44	40	11		90	57			\$115,000	\$115,000
FM325	WI	HAYWARD	232	C2	46	15		N	91	23	1	W	\$60,000	\$60,000
FM326	WI	SOLDIERS GROVE	290	A	43	28	16		90	40	21	W	\$60,000	\$60,000
FM327	WI	TWO RIVERS	246	Α	44	9	6		87	34	6	W	\$140,000	\$140,000
FM328	WI	WESTBY	280	Α	43	37	30		90	41	50		\$60,000	\$60,000
FM329	WV	ARNOLDSBURG	264	Α	38	49	0		81	6	0	W	\$50,000	\$50,000
FM330	WV	KENOVA	250	Α	38	22	38	N	82	34		W	\$400,000	\$400,000
FM331	WV	RICHWOOD	288	Α	38	13	42		80	31			\$50,000	\$50,000
FM332	WV	RIDGELEY	263	Α	39	42	8		78	43			\$170,000	\$170,000
FM333	WV	ST. MARYS	287	Α	39	18	3		81	15	19	W	\$250,000	\$250,000
FM334	WY	CHEYENNE	229	Α	41	12	39		104	44		W	\$140,000	. ,
FM335	WY	CHEYENNE	280	C2	41		17		104					\$140,000
FM336	WY	CHUGWATER	258	Α	41	45			104				\$2,500	\$2,500
FM337	WY	DOUGLAS	223	C1	42			N	105			W	\$40,000	\$40,000
FM338	WY	DOUGLAS	265	Α	42	45			105				\$15,000	\$15,000
FM339	WY	EVANSTON	252	C2	41	16		N	110				\$30,000	\$30,000
FM340	WY	GREEN RIVER	259	C1	41	31			109			W	\$90,000	\$90,000
FM341	WY	GUERNSEY	281	Α		16		N	104				\$5,000	\$5,000
FM342	WY	LARAMIE	254	Α		18			105			W	\$60,000	\$60,000
FM343	WY	LOVELL	296	С			23	N	108				\$90,000	\$90,000
FM344	WY	MANVILLE	255	C1			45		104			W	\$20,000	\$20,000
FM345	WY	MARBLETON	239	Α		33			110				\$2,500	\$2,500
FM346	WY	MILLS	288	Α			24		106			W	\$115,000	
FM347	WY	MOORCROFT	228	Α			54	_	104			W	\$5,000	\$5,000
FM348	WY	ROCK RIVER	240	Α		44		_	105			_	\$2,500	\$2,500
FM349	WY	SARATOGA	259	Α		27		_	106				\$5,000	\$5,000
FM350	WY	SUPERIOR	293	С			12	_	108				\$75,000	\$75,000

					Cod	ordi	nat	es						Upfront
Market	State	City	Channel	Class	Lat	itud	le		Longitude				MOB	Payment
FM351	WY	THAYNE	290	C1	42	46	27	Ν	111	22	2	W	\$50,000	\$50,000